

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------------------------------------|------------------|---------|------------------|
| L7 | 92 | (US-20040181488-\$ or US-20040047261-\$ or US-20020054070-\$).did. or (US-6118752-\$ or US-6456980-\$ or US-5881038-\$ or US-5583847-\$ or US-5563946-\$ or US-5898663-\$ or US-5493552-\$ or US-5834158-\$ or US-6272095-\$ or US-5761301-\$ or US-6052465-\$ or US-5582891-\$ or US-5382776-\$ or US-6052487-\$ or US-5432329-\$ or US-5202898-\$ or US-5428599-\$ or US-5447767-\$ or US-5281371-\$ or US-5930222-\$ or US-6618335-\$ or US-5703858-\$ or US-5226027-\$ or US-5671205-\$ or US-5949749-\$ or US-4606018-\$).did. or (US-5592454-\$ or US-5003410-\$ or US-5737729-\$ or US-6161179-\$ or US-5581630-\$ or US-5703951-\$ or US-5677953-\$ or US-5457746-\$ or US-6011761-\$ or US-5548645-\$ or US-6023705-\$ or US-5895455-\$ or US-5870725-\$ or US-4945476-\$ or US-4045619-\$ or US-5237157-\$ or US-5784609-\$ or US-5191611-\$ or US-5065429-\$ or US-5473687-\$ or US-4840344-\$ or US-5661799-\$ or US-5592549-\$ or US-5394469-\$ or US-5771291-\$ or US-5857020-\$ or US-5825876-\$).did. or (US-5568570-\$ or US-5465213-\$ or US-5778381-\$ or US-5917908-\$ or US-5280530-\$ or US-5572589-\$ or US-5652868-\$ or US-5439119-\$ or US-6044405-\$ or US-4493043-\$ or US-6009458-\$ or US-5930768-\$ or US-5611066-\$ or US-5652838-\$ or US-5936869-\$ or US-4839879-\$ or US-5607356-\$ or US-5646992-\$ or US-5525977-\$ or US-5071031-\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/01/04 19:20 |

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|-----|---|--|---|----|----|---------------------|
| | | or US-6611820-\$).did. or (EP-1320207-\$ or EP-691762-\$ or WO-8501381-\$ or EP-624877-\$).did. or (JP-01144219-\$ or JP-02091819-\$ or JP-04118777-\$ or JP-04126451-\$ or JP-04342092-\$).did. or (US-5805551-\$ or WO-9714144-A-\$ or EP-871169-A-\$ or CA-2165532-\$ or EP-704843-A-\$ or JP-10069645-\$ or DE-3342748-\$ or EP-640924-A-\$ or EP-297242-\$ or EP-901123-A-\$ or JP-63006659-\$ or WO-9527354-A-\$).did. | | | | |
| L8 | 6 | L7 and barcode | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/04 19:20 |
| L9 | 6 | 8 and @ad<="19961008" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/04 19:21 |
| L10 | 0 | L7 and (unique near barcode) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/04 19:22 |
| L11 | 2 | L7 and (unique with barcode) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/04 19:22 |
| L12 | 4 | (US-5447767-\$ or US-5432329-\$ or US-5382776-\$ or US-6052465-\$).did. | USPAT | OR | ON | 2009/01/04 19:29 |
| L13 | 2 | 12 and (credit near card) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/04 19:29 |
| L14 | 4 | (US-5447767-\$ or US-5432329-\$ or US-5382776-\$ or US-6052465-\$).did. | USPAT | OR | ON | 2009/01/04 19:43 |

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| L15 | 2 | 14 and key | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/04 19:43 |
| L16 | 1 | 14 and ((encrypt\$3 cipher near key) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/04 19:44 |
| L17 | 1 | 12 and (validat\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/04 19:52 |
| L18 | 3 | 12 and (decod\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/04 19:54 |
| L19 | 0 | 14 and ((decrypt\$3 decod \$3) near key) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/04 19:58 |
| L20 | 0 | 14 and ((decrypt\$3 decod\$3) near key) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/04 19:58 |
| L21 | 3 | 14 and (decrypt\$3 decod\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/04 19:59 |
| L22 | 1 | 14 and ((encrypt\$3 encod\$3 cipher) near key) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/04 19:59 |
| L23 | 2 | 14 and ((encrypt\$3 encod\$3 cipher)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/04 20:00 |

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| L27 | 1 | 14 and cipher near key | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/04 20:18 |
| S1 | 1 | 10/809,498 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 13:04 |
| S2 | 62 | "5881038" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 13:04 |
| S3 | 2 | "5881038".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 13:06 |
| S4 | 2 | "5761301".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 14:04 |
| S5 | 2 | "5563946".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 15:20 |
| S6 | 10 | 08/849,468 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 15:20 |
| S11 | 2 | "5493552".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 16:26 |
| S12 | 2 | "5583847".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/11 16:27 |

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| S13 | 2 | "5582891".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/12 07:28 |
| S14 | 4 | "5898663".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/12 08:11 |
| S15 | 2 | "5953310".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/12 08:14 |
| S16 | 2 | "6459661".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/12 08:23 |
| S17 | 2 | "5834158".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/12 08:28 |
| S18 | 2 | "6118752".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/12 08:31 |
| S19 | 2 | "6456980".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/12 08:32 |
| S20 | 1333 | (identification id) and (prepit pre-pit) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/12 09:43 |
| S21 | 97 | S20 and @ad<="19961008" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 08:35 |

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|-----|----|---|---|----|----|---------------------|
| S22 | 0 | S21 and (certif\$3 verif\$3 authenticat\$3) same server | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/12 08:36 |
| S23 | 1 | S21 and stripe\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/12 09:29 |
| S24 | 14 | (US-5881038-\$ or US-5761301-\$ or US-5563946-\$ or US-5493552-\$ or US-5583847-\$ or US-5582891-\$ or US-5898663-\$ or US-6459661-\$ or US-5834158-\$ or US-6118752-\$ or US-6456980-\$ or US-6052465-\$).dtd. or (US-5805551-\$).dtd. | USPAT; DERWENT | OR | ON | 2007/12/12 08:55 |
| S25 | 2 | "6272095".pn. | USPAT; DERWENT | OR | ON | 2007/12/12 08:55 |
| S26 | 0 | S21 and authoriz\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/12 09:32 |
| S27 | 1 | S21 and (authoriz\$5 authenticat\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/12 09:33 |
| S28 | 3 | S21 and (network server) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/12 09:33 |
| S29 | 6 | S24 and (identification id) and (prepit pre-pit) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/12 09:50 |
| S31 | 11 | S24 and @ad<="19961008" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/12 09:53 |

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| S32 | 4 | S31 and (identification id metadata) and (prepit pre-pit) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/12 09:54 |
| S33 | 16 | (US-20040181488-\$).did. or (US-5834158-\$ or US-6272095-\$ or US-5881038-\$ or US-6052465-\$ or US-6459661-\$ or US-5493552-\$ or US-6118752-\$ or US-5898663-\$ or US-5563946-\$ or US-5761301-\$ or US-6456980-\$ or US-5583847-\$ or US-5582891-\$).did. or (US-5805551-\$).did. | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/12/17 15:27 |
| S34 | 4 | S33 and (pre-pit prepit "pre pit") near region | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/12/17 15:34 |
| S35 | 3 | S34 and (id identification) near information | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/12/17 16:06 |
| S36 | 1 | S35 and ("credit card" password (bank near card)) | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/12/17 16:07 |
| S37 | 2 | "6611820".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/17 16:19 |
| S38 | 14 | (US-5881038-\$ or US-5761301-\$ or US-5563946-\$ or US-5493552-\$ or US-5583847-\$ or US-5582891-\$ or US-5898663-\$ or US-6459661-\$ or US-5834158-\$ or US-6118752-\$ or US-6456980-\$ or US-6052465-\$).did. or (US-5805551-\$).did. | USPAT; DERWENT | OR | ON | 2007/12/18 08:14 |
| S39 | 6 | S38 and (identification id metadata) and (prepit pre-pit) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 08:14 |
| S40 | 35431 | (optical near (media medium)) and (bar code barcode barcoded) and (bca burst cutting area) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 08:38 |

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|-----|------|--|---|----|----|---------------------|
| S41 | 1730 | S40 and @ad<="19961008" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 08:38 |
| S42 | 11 | S41 and (stripe near pattern) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 08:39 |
| S43 | 3 | S42 and (id identification) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 08:42 |
| S44 | 499 | ((optical near (media medium)) and (bar code barcode barcoded) and (bca "burst cutting area")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 08:40 |
| S45 | 2 | S44 and @ad<="19961008" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 08:40 |
| S46 | 0 | S45 and (stripe near pattern) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 08:39 |
| S47 | 368 | ((optical near (media medium)) and (bar code barcode barcoded) and "burst cutting area") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 08:41 |
| S48 | 0 | S47 and @ad<="19961008" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 08:42 |
| S49 | 162 | ((optical near (media medium)) and (stripe near pattern)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 10:04 |

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| S50 | 31 | S49 and @ad<="19961008" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 09:58 |
| S51 | 4 | S50 and (id identification) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 08:54 |
| S52 | 0 | S51 and (pre-pit prepit "pre pit") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 09:16 |
| S53 | 3 | S50 and (stripe near pattern) and radius | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 09:13 |
| S54 | 0 | S50 and (stripe near pattern) same radius | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 09:08 |
| S55 | 3 | S50 and (strip\$2 near pattern) and radius | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 09:13 |
| S56 | 2 | S50 and (pre-pit prepit "pre pit") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 09:17 |
| S57 | 718 | (fm "frequency modulation") and (limiting near circuit) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 09:32 |
| S58 | 345 | S57 and @ad<="19961008" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 09:31 |

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| S59 | 0 | S58 and "limiting circuit" near (image figure picture) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 09:31 |
| S60 | 317 | ((fm "frequency modulation") and demodulation and ((limit limiting) near (circuit diagram image picture figure)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 09:37 |
| S61 | 2 | "5548831".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 09:38 |
| S62 | 2 | "4087641".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 09:39 |
| S63 | 4 | S61 and @ad<="19961008" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 10:06 |
| S64 | 11 | S38 and @ad<="19961008" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 10:02 |
| S65 | 25 | ((optical near (media medium)) and ((stripe striped) near pattern) and (pre-pit prepit "pre pit") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 11:02 |
| S66 | 2 | S65 and @ad<="19961008" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 11:03 |
| S67 | 24 | S65 and radius | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 10:14 |

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|-----|----|---|---|----|----|---------------------|
| S68 | 23 | (US-20040181488-\$).did. or (US-6118752-\$ or US-6456980-\$ or US-6459661-\$ or US-5881038-\$ or US-5583847-\$ or US-5563946-\$ or US-5898663-\$ or US-5493552-\$ or US-5834158-\$ or US-6272095-\$ or US-5761301-\$ or US-6052465-\$ or US-5582891-\$ or US-5382776-\$ or US-6052487-\$ or US-5432329-\$ or US-5202898-\$ or US-5428599-\$ or US-5447767-\$ or US-5281371-\$).did. or (US-5805551-\$).did. | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/12/18 10:47 |
| S69 | 0 | S68 and (id identification identity) and ((strip\$2 near pattern) same radius) and (pre-pit prepit "pre pit") | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/12/18 10:48 |
| S70 | 1 | S68 and (id identification identity) and (strip\$2 near pattern) and (pre-pit prepit "pre pit") | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/12/18 10:21 |
| S71 | 1 | S68 and (id identification identity) and (strip\$2 with pattern) and (pre-pit prepit "pre pit") | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/12/18 10:21 |
| S72 | 1 | S68 and (id identification identity) and (strip\$2 same pattern) and (pre-pit prepit "pre pit") | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/12/18 10:23 |
| S73 | 6 | S68 and (id identification identity) and (pre-pit prepit "pre pit") | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/12/18 10:46 |
| S74 | 1 | S68 and (id identification identity) and (pre-pit prepit "pre pit") and (strip\$2 near pattern) | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/12/18 11:13 |
| S75 | 13 | S68 and (id identification identity) and reproduc\$4 | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/12/18 10:45 |
| S76 | 5 | S68 and (id identification identity) and (pre-pit prepit "pre pit") and reproduc\$4 | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/12/18 11:15 |
| S77 | 5 | S68 and (id identification identity) and ((credit bank debit) near card) | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/12/18 11:03 |
| S78 | 61 | ((optical near disk) and ((stripe striped) near pattern) and (pre-pit prepit "pre pit") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 11:29 |

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|-----|----|---|---|----|----|---------------------|
| S79 | 3 | S78 and @ad<="19961008" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 11:03 |
| S80 | 1 | S79 and (id identification identity) and ((credit bank debit) near card) | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/12/18 11:06 |
| S81 | 5 | S68 and (id identification identity) and ((credit bank debit) near card) | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/12/18 11:06 |
| S82 | 8 | S68 and (strip\$2 near pattern) | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/12/18 11:15 |
| S83 | 3 | S82 and (pre-pit prepit "pre pit") and reproduc\$4 | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/12/18 11:16 |
| S84 | 9 | S68 and (pre-pit prepit "pre pit") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/18 11:30 |
| S86 | 2 | "5432329".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/28 12:26 |
| S88 | 2 | "20040181488" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/28 12:41 |
| S89 | 21 | (US-20040181488-\$).did. or (US-6118752-\$ or US- 6456980-\$ or US-5881038-\$ or US-5583847-\$ or US- 5563946-\$ or US-5898663-\$ or US-5493552-\$ or US- 5834158-\$ or US-6272095-\$ or US-5761301-\$ or US- 6052465-\$ or US-5582891-\$ or US-5382776-\$ or US- 6052487-\$ or US-5432329-\$ or US-5202898-\$ or US- 5428599-\$ or US-5447767-\$ or US-5281371-\$).did. or (US-5805551-\$ or WO- 9714144-A-\$).did. | US-PGPUB; USPAT; DERWENT | OR | ON | 2008/06/28 13:20 |

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|------|-----|---|---|----|----|---------------------|
| S90 | 17 | S89 and ((optical near disk dvd cd) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/28 13:31 |
| S91 | 6 | S90 and (id barcode) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/28 13:32 |
| S92 | 1 | S91 and pre-pit | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/28 13:33 |
| S93 | 1 | S92 and @ad<="19961008" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/28 13:35 |
| S96 | 2 | "5930222".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/28 13:59 |
| S97 | 709 | pre-pit and (id barcode) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/28 14:02 |
| S98 | 25 | S97 and @ad<="19961008" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/28 14:03 |
| S99 | 2 | S98 and (pre-pit and (id and barcode)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/28 14:03 |
| S102 | 0 | S98 and "source identification code" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/28 14:47 |

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| S103 | 0 | S97 and "source identification code" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/28 14:47 |
| S104 | 130 | "source identification code" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/28 14:47 |
| S105 | 0 | S104 and pre-pit | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/28 14:47 |
| S106 | 0 | S104 and (pre-pit prepit) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/28 14:48 |
| S107 | 0 | S104 and (pre-pit prepit leadin) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/28 14:48 |
| S108 | 53 | S104 and (cd dvd optical) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/28 14:48 |
| S109 | 11 | S108 and @ad<="19961008" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/28 14:49 |
| S110 | 6 | S104 and (pre-pit prepit leadin lead-in) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/28 14:51 |
| S111 | 0 | S110 and @ad<="19961008" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/28 14:53 |

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| S112 | 2 | "6618335".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/28 14:56 |
| S113 | 2 | "5703858".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/28 20:21 |
| S114 | 1 | "5226027".PN. | USPAT; USOCR | OR | ON | 2008/06/28 20:30 |
| S115 | 2 | "5671205".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/28 20:37 |
| S116 | 2 | "5949749".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/28 20:45 |
| S117 | 2 | "4606018".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/29 18:01 |
| S118 | 2 | "5949749".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/29 18:02 |
| S119 | 2 | "5703858".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/29 18:03 |
| S120 | 2 | "5592454".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/29 18:06 |

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| S121 | 2 | "5003410".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/29 18:13 |
| S122 | 35 | (US-20040181488-\$ or US-20040047261-\$).did. or (US-6118752-\$ or US-6456980-\$ or US-5881038-\$ or US-5583847-\$ or US-5563946-\$ or US-5898663-\$ or US-5493552-\$ or US-5834158-\$ or US-6272095-\$ or US-5761301-\$ or US-6052465-\$ or US-5582891-\$ or US-5382776-\$ or US-6052487-\$ or US-5432329-\$ or US-5202898-\$ or US-5428599-\$ or US-5447767-\$ or US-5281371-\$ or US-5930222-\$ or US-6618335-\$ or US-5703858-\$ or US-5226027-\$ or US-5671205-\$ or US-5949749-\$ or US-4606018-\$).did. or (US-5592454-\$ or US-5003410-\$).did. or (US-5805551-\$ or WO-9714144-A-\$ or EP-871169-A-\$ or CA-2165532-\$ or EP-704843-A-\$ or JP-10069645-\$ or DE-3342748-\$ or EP-640924-A-\$ or EP-297242-\$).did. | US-PGPUB; USPAT; DERWENT | OR | ON | 2008/06/29 18:13 |
| S124 | 3 | S122 and "source identification code" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/29 18:14 |
| S125 | 0 | S124 and @ad<="19961008" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/29 18:15 |
| S126 | 0 | S124 and "source idnetification code" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/29 18:31 |

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| S127 | 14 | S122 and (pre-pit prepit leadin lead-in) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/29 18:32 |
| S128 | 10 | S127 and @ad<="19961008" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/29 18:32 |
| S129 | 3 | S128 and (id barcode) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/29 18:33 |
| S130 | 0 | S128 and ((credit account) near (number information)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/29 18:37 |
| S131 | 1 | S128 and ((credit account) with (number information)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/29 18:37 |
| S132 | 2 | "5432329".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/29 21:11 |
| S133 | 30 | S122 and ((optical near (media disk)) dvd cd) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/29 21:40 |
| S134 | 4 | S133 and barcode | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/29 21:40 |
| S135 | 4 | S134 and @ad<="19961008" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/29 21:41 |

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|------|------|---|---|----|----|---------------------|
| S136 | 7869 | ((optical near (media disk)) dvd cd) and barcode | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/29 21:48 |
| S137 | 202 | S136 and @ad<="19961008" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/29 21:48 |
| S138 | 0 | S137 and "source identification code" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/29 21:49 |
| S139 | 0 | S137 and ((optical near (media disk)) dvd cd) with (((network web internet server) near address) url) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/29 22:03 |
| S140 | 0 | S137 and ((optical near (media disk)) dvd cd) with (((network web internet server) with address) url) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/29 22:04 |
| S141 | 2 | S137 and ((optical near (media disk)) dvd cd) same (((network web internet server) with address) url) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/29 22:05 |
| S142 | 1229 | ((optical near (media disk)) dvd cd) with (((network web internet server) near address) url) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/29 22:09 |
| S143 | 66 | ((optical near (media disk)) dvd cd) with (contains "with") with (((network web internet server) near address) url) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/29 22:10 |
| S144 | 32 | ((optical near (media disk)) dvd cd) with (contains "with") near (((network web internet server) near address) url) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/29 22:11 |

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|------|-----|--|---|----|----|---------------------|
| S145 | 0 | S144 and @ad<="19961008" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/29 22:11 |
| S146 | 0 | S143 and @ad<="19961008" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/29 22:11 |
| S147 | 2 | "6161179".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/30 10:21 |
| S148 | 622 | ((optical near (media disk)) dvd cd) with (user customer consumer) with authoriz\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/05 16:03 |
| S149 | 32 | S148 and @ad<="19961008" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/05 16:03 |
| S150 | 2 | "6011761".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/05 16:11 |
| S151 | 0 | S149 and stripe with pattern | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/05 16:31 |
| S152 | 70 | (US-20040181488-\$ or US- 20040047261-\$).did. or (US- 6118752-\$ or US-6456980-\$ or US-5881038-\$ or US- 5583847-\$ or US-5563946-\$ or US-5898663-\$ or US- 5493552-\$ or US-5834158-\$ or US-6272095-\$ or US- 5761301-\$ or US-6052465-\$ or US-5582891-\$ or US- 5382776-\$ or US-6052487-\$ or US-5432329-\$ or US- 5202898-\$ or US-5428599-\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/07/05 16:31 |

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|------|---|--|---|----|----|---------------------|
| | | or US-5447767-\$ or US-5281371-\$ or US-5930222-\$ or US-6618335-\$ or US-5703858-\$ or US-5226027-\$ or US-5671205-\$ or US-5949749-\$ or US-4606018-\$).did. or (US-5592454-\$ or US-5003410-\$ or US-5737729-\$ or US-6161179-\$ or US-5581630-\$ or US-5703951-\$ or US-5677953-\$ or US-5457746-\$ or US-6011761-\$ or US-5548645-\$ or US-6023705-\$ or US-5895455-\$ or US-5870725-\$ or US-4945476-\$ or US-4045619-\$ or US-5237157-\$ or US-5784609-\$ or US-5191611-\$ or US-5065429-\$ or US-5473687-\$ or US-4840344-\$ or US-5661799-\$ or US-5592549-\$ or US-5394469-\$ or US-5771291-\$ or US-5857020-\$ or US-5825876-\$).did. or (US-5568570-\$ or US-5465213-\$ or US-5778381-\$ or US-5917908-\$ or US-5280530-\$ or US-5572589-\$ or US-5652868-\$).did. or (EP-1320207-\$ or EP-691762-\$).did. or (JP-01144219-\$).did. or (US-5805551-\$ or WO-9714144-A-\$ or EP-871169-A-\$ or CA-2165532-\$ or EP-704843-A-\$ or JP-10069645-\$ or DE-3342748-\$ or EP-640924-A-\$ or EP-297242-\$ or EP-901123-A-\$).did. | | | | |
| S153 | 8 | S152 and stripe with pattern | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/05 16:31 |
| S154 | 8 | S152 and stripe near pattern | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/05 16:37 |
| S155 | 3 | S154 and barcode | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/05 16:37 |

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|------|------|--|---|----|----|---------------------|
| S156 | 0 | S153 and ((optical near (media disk)) dvd cd) with (user customer consumer) with authoriz\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/05 16:41 |
| S157 | 32 | S152 and ((optical near (media disk)) dvd cd) with (user customer consumer) with authoriz\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/05 16:41 |
| S158 | 32 | S152 and ((optical near (media disk)) dvd cd) with (user customer consumer) with (authoriz\$5 authenticat\$3 verify verification) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/05 16:43 |
| S159 | 1300 | ((optical near (media disk)) dvd cd) with (user customer consumer) with (authoriz\$5 authenticat\$3 verify verification) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/05 16:43 |
| S160 | 53 | S159 and @ad<="19961008" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/05 16:44 |
| S161 | 91 | ((US-20040181488-\$ or US-20040047261-\$ or US-20020054070-\$).did. or (US-6118752-\$ or US-6456980-\$ or US-5881038-\$ or US-5583847-\$ or US-5563946-\$ or US-5898663-\$ or US-5493552-\$ or US-5834158-\$ or US-6272095-\$ or US-5761301-\$ or US-6052465-\$ or US-5582891-\$ or US-5382776-\$ or US-6052487-\$ or US-5432329-\$ or US-5202898-\$ or US-5428599-\$ or US-5447767-\$ or US-5281371-\$ or US-5930222-\$ or US-6618335-\$ or US-5703858-\$ or US-5226027-\$ or US-5671205-\$ or US-5949749-\$ or US-4606018-\$).did. or (US-5592454-\$ or US-5003410-\$ or US-5737729-\$ or US-6161179-\$ or US-5581630-\$ or US-5703951-\$ or US-5677953-\$ or US-5457746-\$ or US- | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/07/05 16:45 |

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|------|---|---|---|----|----|---------------------|
| | | 6011761-\$ or US-5548645-\$ or US-6023705-\$ or US- 5895455-\$ or US-5870725-\$ or US-4945476-\$ or US- 4045619-\$ or US-5237157-\$ or US-5784609-\$ or US- 5191611-\$ or US-5065429-\$ or US-5473687-\$ or US- 4840344-\$ or US-5661799-\$ or US-5592549-\$ or US- 5394469-\$ or US-5771291-\$ or US-5857020-\$ or US- 5825876-\$).did. or (US- 5568570-\$ or US-5465213-\$ or US-5778381-\$ or US- 5917908-\$ or US-5280530-\$ or US-5572589-\$ or US- 5652868-\$ or US-5439119-\$ or US-6044405-\$ or US- 4493043-\$ or US-6009458-\$ or US-5930768-\$ or US- 5611066-\$ or US-5652838-\$ or US-5936869-\$ or US- 4839879-\$ or US-5607356-\$ or US-5646992-\$ or US- 5525977-\$ or US-5071031- \$).did. or (EP-1320207-\$ or EP-691762-\$ or WO- 8501381-\$ or EP-624877-\$). did. or (JP-01144219-\$ or JP- 02091819-\$ or JP-04118777- \$ or JP-04126451-\$ or JP- 04342092-\$).did. or (US- 5805551-\$ or WO-9714144- A-\$ or EP-871169-A-\$ or CA- 2165532-\$ or EP-704843-A-\$ or JP-10069645-\$ or DE- 3342748-\$ or EP-640924-A-\$ or EP-297242-\$ or EP- 901123-A-\$ or JP-63006659- \$).did. | | | | |
| S162 | 8 | S161 and stripe with pattern | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/05 16:45 |
| S165 | 3 | S161 and ((account\$3 near (data information id number)) near (disk media)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/05 16:49 |

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|------|----|--|---|----|----|---------------------|
| S167 | 1 | S161 and ((barcode near (data information id number)) near (disk media cd dvd)) | US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/05 16:56 |
| S168 | 2 | S161 and (barcode near (disk media cd dvd)) | US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/05 16:57 |
| S169 | 91 | (US-20040181488-\$ or US-20040047261-\$ or US-20020054070-\$).did. or (US-6118752-\$ or US-6456980-\$ or US-5881038-\$ or US-5583847-\$ or US-5563946-\$ or US-5896663-\$ or US-5493552-\$ or US-5834158-\$ or US-6272095-\$ or US-5761301-\$ or US-6052465-\$ or US-5582891-\$ or US-5382776-\$ or US-6052487-\$ or US-5432329-\$ or US-5202898-\$ or US-5428599-\$ or US-5447767-\$ or US-5281371-\$ or US-5930222-\$ or US-6618335-\$ or US-5703858-\$ or US-5226027-\$ or US-5671205-\$ or US-5949749-\$ or US-4606018-\$).did. or (US-5592454-\$ or US-5003410-\$ or US-5737729-\$ or US-6161179-\$ or US-5581630-\$ or US-5703951-\$ or US-5677953-\$ or US-5457746-\$ or US-6011761-\$ or US-5548645-\$ or US-6023705-\$ or US-5895455-\$ or US-5870725-\$ or US-4945476-\$ or US-4045619-\$ or US-5237157-\$ or US-5784609-\$ or US-5191611-\$ or US-5065429-\$ or US-5473687-\$ or US-4840344-\$ or US-5661799-\$ or US-5592549-\$ or US-5394469-\$ or US-5771291-\$ or US-5857020-\$ or US-5825876-\$).did. or (US-5568570-\$ or US-5465213-\$ or US-5778381-\$ or US-5917908-\$ or US-5280530-\$ or US-5572589-\$ or US-5652868-\$ or US-5439119-\$ or US-6044405-\$ or US- | US-PGRUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/07/06 12:27 |

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| | | 4493043-\$ or US-6009458-\$ or US-5930768-\$ or US-5611066-\$ or US-5652838-\$ or US-5936869-\$ or US-4839879-\$ or US-5607356-\$ or US-5646992-\$ or US-5525977-\$ or US-5071031-\$).did. or (EP-1320207-\$ or EP-691762-\$ or WO-8501381-\$ or EP-624877-\$).did. or (JP-01144219-\$ or JP-02091819-\$ or JP-04118777-\$ or JP-04126451-\$ or JP-04342092-\$).did. or (US-5805551-\$ or WO-9714144-A-\$ or EP-871169-A-\$ or CA-2165532-\$ or EP-704843-A-\$ or JP-10069645-\$ or DE-3342748-\$ or EP-640924-A-\$ or EP-297242-\$ or EP-901123-A-\$ or JP-63006659-\$).did. | | | | |
| S170 | 16 | S169 and (account\$3 near (data information id number)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/06 12:27 |
| S171 | 3 | S169 and (((account\$3 near (data information id number)) near (disk media cd dvd)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/06 12:40 |
| S172 | 4 | S169 and (((account\$3 credit card) near (data information id number)) near (disk media disc)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/06 13:21 |
| S173 | 5200 | ((optical near (media disk disc) dvd cd) with (authoriz \$5 authenticat\$3 verify verification certify certification)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/06 13:29 |

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| S174 | 91 | (US-20040181488-\$ or US-20040047261-\$ or US-20020054070-\$).did. or (US-6118752-\$ or US-6456980-\$ or US-5881038-\$ or US-5583847-\$ or US-5563946-\$ or US-5896663-\$ or US-5493552-\$ or US-5834158-\$ or US-6272095-\$ or US-5761301-\$ or US-6052465-\$ or US-5582891-\$ or US-5382776-\$ or US-6052487-\$ or US-5432329-\$ or US-5202898-\$ or US-5428599-\$ or US-5447767-\$ or US-5281371-\$ or US-5930222-\$ or US-6618335-\$ or US-5703858-\$ or US-5226027-\$ or US-5671205-\$ or US-5949749-\$ or US-4606018-\$).did. or (US-5592454-\$ or US-5003410-\$ or US-5737729-\$ or US-6161179-\$ or US-5581630-\$ or US-5703951-\$ or US-5677953-\$ or US-5457746-\$ or US-6011761-\$ or US-5548645-\$ or US-6023705-\$ or US-5895455-\$ or US-5870725-\$ or US-4945476-\$ or US-4045619-\$ or US-5237157-\$ or US-5784609-\$ or US-5191611-\$ or US-5065429-\$ or US-5473687-\$ or US-4840344-\$ or US-5661799-\$ or US-5592549-\$ or US-5394469-\$ or US-5771291-\$ or US-5857020-\$ or US-5825876-\$).did. or (US-5568570-\$ or US-5465213-\$ or US-5778381-\$ or US-5917908-\$ or US-5280530-\$ or US-5572589-\$ or US-5652868-\$ or US-5439119-\$ or US-6044405-\$ or US-4493043-\$ or US-6009458-\$ or US-5930768-\$ or US-5611066-\$ or US-5652838-\$ or US-5936869-\$ or US-4839879-\$ or US-5607356-\$ or US-5646992-\$ or US-5525977-\$ or US-5071031-\$).did. or (EP-1320207-\$ or EP-691762-\$ or WO-8501381-\$ or EP-624877-\$).did. or (JP-01144219-\$ or JP-02091819-\$ or JP-04118777-\$ or JP-04126451-\$ or JP- | US-PGRUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/07/06 13:42 |
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| | | 04342092-\$).did. or (US-5805551-\$ or WO-9714144-A-\$ or EP-871169-A-\$ or CA-2165532-\$ or EP-704843-A-\$ or JP-10069645-\$ or DE-3342748-\$ or EP-640924-A-\$ or EP-297242-\$ or EP-901123-A-\$ or JP-63006659-\$).did. | | | | |
| S175 | 4 | S174 and ((account\$3 credit card) near (data information id number) near (disk media disc)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/06 13:42 |
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| S177 | 2 | "5581630".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/06 14:43 |
| S178 | 103 | (key near (distribution distribut\$2)) with ((optical adj media) dvd cd) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/06 14:54 |
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| | | or US-5671205-\$ or US-5949749-\$ or US-4606018-\$).did. or (US-5592454-\$ or US-5003410-\$ or US-5737729-\$ or US-6161179-\$ or US-5581630-\$ or US-5703951-\$ or US-5677953-\$ or US-5457746-\$ or US-6011761-\$ or US-5548645-\$ or US-6023705-\$ or US-5895455-\$ or US-5870725-\$ or US-4945476-\$ or US-4045619-\$ or US-5237157-\$ or US-5784609-\$ or US-5191611-\$ or US-5065429-\$ or US-5473687-\$ or US-4840344-\$ or US-5661799-\$ or US-5592549-\$ or US-5394469-\$ or US-5771291-\$ or US-5857020-\$ or US-5825876-\$).did. or (US-5568570-\$ or US-5465213-\$ or US-5778381-\$ or US-5917908-\$ or US-5280530-\$ or US-5572589-\$ or US-5652868-\$).did. or (EP-1320207-\$ or EP-691762-\$).did. or (JP-01144219-\$).did. or (US-5805551-\$ or WO-9714144-A-\$ or EP-871169-A-\$ or CA-2165532-\$ or EP-704843-A-\$ or JP-10069645-\$ or DE-3342748-\$ or EP-640924-A-\$ or EP-297242-\$ or EP-901123-A-\$).did. | | | | |
| S181 | 6 | S180 and barcode | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/06 16:08 |
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or US-6618335-\$ or US-5703858-\$ or US-5226027-\$ or US-5671205-\$ or US-5949749-\$ or US-4606018-\$).did. or (US-5592454-\$ or US-5003410-\$ or US-5737729-\$ or US-6161179-\$ or US-5581630-\$ or US-5703951-\$ or US-5677953-\$ or US-5457746-\$ or US-6011761-\$ or US-5548645-\$ or US-6023705-\$ or US-5895455-\$ or US-5870725-\$ or US-4945476-\$ or US-4045619-\$ or US-5237157-\$ or US-5784609-\$ or US-5191611-\$ or US-5065429-\$ or US-5473687-\$ or US-4840344-\$ or US-5661799-\$ or US-5592549-\$ or US-5394469-\$ or US-5771291-\$ or US-5857020-\$ or US-5825876-\$).did. or (US-5568570-\$ or US-5465213-\$ or US-5778381-\$ or US-5917908-\$ or US-5280530-\$ or US-5572589-\$ or US-5652868-\$ or US-5439119-\$ or US-6044405-\$ or US-4493043-\$ or US-6009458-\$ or US-5930768-\$ or US-5611066-\$ or US-5652838-\$ or US-5936869-\$ or US-4839879-\$ or US-5607356-\$ or US-5646992-\$ or US-5525977-\$ or US-5071031-\$ or US-6611820-\$).did. or (EP-1320207-\$ or EP-691762-\$ or WO-8501381-\$ or EP-624877-\$).did. or (JP-01144219-\$ or JP-02091819-\$ or JP-04118777-\$ or JP-04126451-\$ or JP-04342092-\$).did. or (US-5805551-\$ or WO-9714144-A-\$ or EP-871169-A-\$ or CA-2165532-\$ or EP-704843-A-\$ or JP-10069645-\$ or DE-3342748-\$ or EP-640924-A-\$ or EP-297242-\$ or EP-901123-A-\$ or JP-63006659-\$ or WO-9527354-A-\$).did.

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| S183 | 6 | S182 and barcode | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/06 16:09 |
| S184 | 6 | S183 and @ad<="19961008" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/06 16:09 |
| S185 | 1067 | ((optical near (media disk disc)) dvd cd) with barcode | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/06 16:11 |
| S186 | 40 | S185 and (stripe near pattern) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/06 16:11 |
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| S189 | 37 | S188 and (record\$3 manufactur\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/06 16:13 |
| S190 | 0 | S189 and (protect\$2 near area) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/06 16:14 |
| S191 | 0 | S189 and (((account\$3 credit card) near (data information id number)) near (disk media disc)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/06 16:15 |

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| S192 | 0 | S188 and (((account\$3 credit card) near (data information id number)) near (disk media disc)) | US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/06 16:19 |
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| S195 | 0 | S193 and pre-pit | US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/06 17:29 |
| S196 | 2 | S193 and prepit | US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/06 17:29 |
| S197 | 2 | S193 and (stripe near patterns) | US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/06 17:44 |
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| S199 | 2 | S193 and (radius radial\$2) | US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/06 19:35 |

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